SEQ. ID NO. I

1	CAGGTGGCAC	TTTTCGGGGA	AATGTGCGCG	GAACCCCTAT	TTGTTTATTT
	GTCCACCGTG			CTTGGGGATA	
51	TTCTAAATAC AAGATTTATG	ATTCAAATA1 TAAGTTTATA	GTATCCGCTC	ATGAGACAAT TACTCTGTTA	AACCCTGATA TTGGGACTAT
					
101	TTACGAAGTT		TTTCCTTCTC	TATGAGTATT ATACTCATAA	
151	CACAGCGGGA	ATAAGGGAAA	AAACGCCGTA	TTTGCCTTCC AAACGGAAGG	ACAAAAACGA
201	GTGGGTCTTT	GCGACCACTT	TCATTTTCTA	GCTGAAGATC CGACTTCTAG	TCAACCCACG
251	TGCTCACCCA		ACCTAGAGTT	CAGCGGTAAG GTCGCCATTC	
					E
301				TGAGCACTTT ACTCGTGAAA	
	CAAAAGCGGG			ACICGIOAAA	
351				GCCGGGCAAG	
		GCCATAATAG		CGGCCCGTTC	TCGTTGAGCC
	•				
401				GGTTGAGTAC	
	AGCGGCGTAT			CCAACTCATG	
451				TAAGAGAATT	
				ATTCTCTTAA	
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501				AACTTACTTC	
	CGGTATTGGT	ACTCACTATT	GTGACGCCGG	TTGAATGAAG	ACTGTTGCTA
					
551	CGGAGGACCG	AAGGAGCTAA	CCGCTTTTTT	GCACAACATG	GGGGATCATG
	GCCTCCTGGC	TTCCTCGATT	GGCGAAAAA	CGTGTTGTAC	CCCCTAGTAC
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601	TAACTCGCCT	TGATCGTTGG	GAACCGGAGC	TGAATGAAGC	CATACCAAAC
	ATTGAGCGGA	ACTAGCAACC	CTTGGCCTCG	ACTTACTTCG	GTATGGTTTG
	-				
551	GACGAGCGTG	ACACCACGAT	GCCTGCAGCA	ATGGCAACAA	CGTTGCGCAA
	CTGCTCGCAC	TGTGGTGCTA	CGGACGTCGT	TACCGTTGTT	GCAACGCGTT
701	ACTATTAACT	GGCGAACTAC	TTACTCTAGC	TTCCCGGCAA	CAATTAATAG
, , ,				AAGGGCCGTT	
				- 	.
751	ACTGGATGGA	GGCGGATAAA	GTTGCAGGAC	CACTTCTGCG	CTCGGCCCTT
, , , ,				GTGAAGACGC	
				GGAGCCGGTG	•
9 O T				CCTCGGCCAC	
				TCCATTCGGG	
851	ACCCCCATAC	TARCAGCAC	ACCCCGGTCT	AGGTAAGCCC	TCCCGTATCC
				AGGIAAGCCC	
901	ATCAATAGAT	GTGCTGCCCC	ACTOACCOAR	GATACCTACT	ACCATTACCCC
				CTATGGATGA	
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951	AGGGCATAG	C ATCAATAGA	T GTGCTGCC	CC TCAGTCCGT	A CTATGGATGA T GATACCTACT
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1001	TGCTTTATC	T GTCTAGCGA	C TCTATCCAC		T AAGCATTGGT A TTCGTAACCA
1051	AACTGTCAG	A CCAAGTTTA	C TCATATATA	C TTTAGATTG	A TTTAAAACTT
	110/10/1010		••••••		AAAIIIIGAA
			•••••		
1101	GTAAAAATT		A GATCCACTT	G ATCCTTTTT	
1.151	CTGGTTTTA	G GGAATTGCA	C TCAAAAGCA	T CCACTGAGCO A GGTGACTCGO	AGTCTGGGGC
					• • • • • • • • • • • • •
1201				C CTTTTTTCT G GAAAAAAAGA	
			· • • • • • • • • • • • • • • • • • • •		
1251				A CCAGCGGTGG	
130,1				A GGTAACTGGC T CCATTGACCG	
1351				T AGCCGTAGTT A TCGGCATCAA	
					. 1000010610
1401	AAGTTCTTGA	GACATCGTG	CGGATGTAT	CTCGCTCTGC GAGCGAGACG	ATTAGGACAA
1451	ACCAGTGGCT	GCTGCCAGTG	GCGATAAGT	GTGTCTTACC CACAGAATGG	GGGTTGGACT
1501	GTTCTGCTAT	CAATGGCCTA	TTCCGCGTCC	GGTCGGGCTG GCCAGCCCGAC	TTGCCCCCCA
1551			CCTCGCTTGC	ACCTACACCG TGGATGTGGC	TTGACTCTAT
1601	GGATGTCGCA	CTCGATACTC	TTTCGCGGTG	GCTTCCCGAA CGAAGGGCTT	CCCTCTTTCC
1651	GCCTGTCCAT	AGGCCATTCG	CCGTCCCAGC	GAACAGGAGA CTTGTCCTCT	CGCGTGCTCC
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1701	GAGCTTCCAG CTCGAAGGTC	GGGGAAACGC CCCCTTTGCG	CTGGTATCTT GACCATAGAA	TATAGTCCTG ATATCAGGAC	TCGGGTTTCG AGCCCAAAGC
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	GGTGGAGACT	GAACTCGCAG	CTAAAAACAC	ATGCTCGTCA TACGAGCAGT	CCCCCCCCCT
	CGGATACCTT	TTTGCGGTCG	TTGCGCCGGA	TTTTACGGTT AAAATGCCAA	GGACCGGAAA
	TGCTGGCCTT	TTGCTCACAT	GTTCTTTCCT	GCGTTATCCC CGCAATAGGG	CTGATTCTGT

2851	GTTAGTTGT	TT TTGTTACT	C TACATTAGT	T AAGGAAGTAG A TTCCTTCATC	AAATTTTATC
2901	GTTAATAAC CAATTATTC	T TTATTAGTT	A TATAGAAAA T ATATCTTTT	T AATATAGGAT A TTATATCCTA	AAAGTATAAG TTTCATATTC
	GATTAAGGT CTAATTCCA	A TGAGGTGTG	T GGCTCAACA	C GTAGGGTGAC G CATCCCACTG	AAGAAAATCT TTCTTTTAGA
3001	ACTGTAATA TGACATTAT	.G GACACAACA C CTGTGTTGT	C CTCTAAAGT G GAGATTTCAJ	I GCCCGTGGGA A CGGGCACCCT	AGGTGAAGTG TCCACTTCAC
3051	AGATCGAAT TCTAGCTTA	C TTTCCTTAA G AAAGGAATT	C GCAGACAGCT G CGTCTGTCGJ	TTTTATCCAC	TAGGGATAAT ATCCCTATTA
3101	GTTTTAAGG CAAAATTCC	A ATACTATAG T TATGATATC	T AATAGATTGA A TTATCTAACT	A TAGTTTTAAC ATCAAAATTG	AATGATGGAA TTACTACCTT
3151	ATAGTATAT TATCATATA	A AGGATAGTT	T CTAGATTGTA A GATCTAACAT	CGGGAGCTCT GCCCTCGAGA	TCACTACTCG AGTGATGAGC
3201	CTGCGTCGA GACGCAGCT	G AGTGTACGAG C TCACATGCT	G ACTCTCCAGG C TGAGAGGTCC	TTTGGTAAGA AAACCATTCT	AATATTTTAT TTATAAAATA
	ATTGTTATA TAACAATAT	TGTTACTATO	ATCCATTAAC TAGGTAATTG	ACTCTGCTTA TGAGACGAAT	TAGATTGTAA ATCTAACATT
	GGGTGATTGC	AATGCTTTCT	GCATAAAACT CGTATTTGA	TTGGTTTTCT AACCAAAAGA	TGTTAATCAA ACAATTAGTT
	TAAACCGACT ATTTGGCTGA	TGATTCGAGA ACTAAGCTCT	ACCTACTCAT TGGATGAGTA	ATATTATTGT TATAATAACA	CTCTTTTATA GAGAAAATAT
	CTTTATTAAG GAAATAATTC	TAAAAGGATT ATTTTCCTAA	TGTATATTAG ACATATAATC	CCTTGCTAAG GGAACGATTC	GGAGACATCT CCTCTGTAGA
	AGTGATATAA TCACTATATT	GTGTGAACTA CACACTTGAT	CACTTATCTT GTGAATAGAA	AAATGATGTA TTTACTACAT	ACTCCTTAGG IGAGGAATCC
	ATAATCAATA TATTAGTTAT	TACAAAATTC ATGTTTTAAG	CATGACAATT GTACTGTTAA	GGCGCCCAAC (CCGCGGGTTG (TGGGGCTCG
3551	AATATAAGTC TTATATTCAG	GGGTTTATTT CCCAAATAAA	GTAAATTATC CATTTAATAG	CCTAGGGACC 1	CCGAGCATA AGGCTCGTAT
	GCGGGAGGCA CGCCCTCCGT	TATAAAAGCC	AATAGACAAT TTATCTGTTA	GGCTTCAGGA A	GTAATGTTG
3651	AAGAATATGA TTCTTATACT	ACTTGATGTT TGAACTACAA	GAAGCTCTGG CTTCGAGACC	TTGTAATTTT A	TCTCTATCT
3701	AATATACCAA TTATATGGTT	GAAATCCTTT CTTTAGGAAA	ACATGGAGAA TGTACCTCTT	GTTATAGGTC T	TCGCCTTAC AGCGGAATG
	TGAAGGATGG ACTTCCTACC	TGGGGACAAA ACCCCTGTTT	TTGAGAGATT AACTCTCTAA	TCAGATGGTA C AGTCTACCAT G	GTCTAATAT CAGATTATA
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3801	ATGTTCTAC	T ACTATTACT	T GGAAATGT	CT CTGGATCTA	A TGAGGTAATA T ACTCCATTAI
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3851	GTTGCTCGA	C ATTTGGGAG	T ATGTTACA	A TACTATAGT	G GACCATTAGO C CTGGTAATCG
3901	TGAACTTCAA ACTTGAAGTT	TTAGCCTTT	C AGGATTTAG G TCCTAAATG	GA TTTACCTGA CT AAATGGACT	A GGTCCATTGA T CCAGGTAACT
			• • • • • • • • • • • • • • • • • • •		
3951	CCAAACCAGO	TAACCGTTT	A CCTGTAATA		A TCCTTATAGT T AGGAATATCA
4001	TCAAGAATGI	CTGGTCATT	G TTACCGGCT	T TGTCGGGTT	A TGACTAGAGA T ACTGATCTCT
4051	ACTTGACCTT	CTACAAGAA	r tatgagttt	C ACTITATOT	A ATTCAAATGA F TAAGTTTACT
4101					TAGAAGACAA A ATCTTCTGTT
4151	AATCGACTCT	CTAGATCAT	TCCCGTTCC		CAGGAGCTCC GTCCTCGAGG
4201	AGCAAGAGCT	GGTGGTCATT	CGTCGAAGA	G TCCCAATGGT	AGTTTGCCCT TCAAACGGGA
4251				r cacctccaac	
		<i></i> .			
	ACTCCCGGAA	ATATTCCTTG	GAGTTTAGG	A GATGATAGCO	CACCTTCATC
4351	TAGTTTTCCT ATCAANAGGA	GGACCCTCTC CCTGGGAGAG	AACCTCGTGT TTGGAGCAÇA	TTCTTTCCAT	CCGGGAAATC GGCCCTTTAG
					
	GAAAACAACT	TCTTCTTCCA	GTATCTGGAT	GATCCCAGTC CTAGGGTCAG	ATCTCTTTCC
	TCTTCTCTTT	AAGAAGGACG	AGGACATGGC	TCAGCACCTC AGTCGTGGAG	GATACTAAGT
4501		CATGGTGGAG	GTGGTGGCTA	TGGCACGGTT ACCGTGCCAA	TATGGATAAG
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4551	AGCATATCAG TCGTATAGTC	TAGACATTGA	CCTCTCGGAG	CTAGAAACCC GATCTTTGGG	AAGAGAAATA TTCTCTTTAT
4601	GGTTAAACÇG	ATCCTGCTTT	ACGAGGACGA	ATAGATGGAG TATCTACCTC	ACAAGGGACA
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4651	ATGTTGTGGC	CTAGATTCTA	CGTCTTATTA	TAATGCTATA ATTACGATAT	GATCCTCCTT
	TATAACCCGA	TAGTAATTGG	GGACCTCTGA	GTTTAACATG CAAATTGTAC	CCTGAGTCGT

4751	CATCGGTGG	TATTTATTA	C TTGGGTACCT	TGAAAAGGTT	ACGTAGTCGA
	TGGAAATGT ACCTTTACA	A ATAAAAGGCA T TATTTTCCG	A TAGTTGATCA F ATCAACTAGT	AGAAGGAGTG TCTTCCTCAC	GCAACAGCAT CGTTGTCGTA
4851	TATGAAACC	G AATGATGCT1	AGACCTGTTT	TAATAGTTAA	TCAAAGACCT
4901	ATAATTAGA TATTAATCT	G GATATTTGCC	TGGACAAGCT ACCTGTTCGA	GTAGTAACTG CATCATTGAC	CATTACAACA GTAATGTTGT
4951	CGCAAATCT	C CAAGAAATAG G GTTCTTTATC	TATTAGTTTG	TTCTCGTCTC	TGAAAATAAG
	AACATCTAA TTGTAGATT	A TGCTGTATAT T ACGACATATA	GAAATTTTAG CTTTAAAATC	GCCTTAATGC CGGAATTACG	CAGAGGACAA GTCTCCTGTT
5051	AGTATACGTO TCATATGCAO	G CTTCAGTGAC C GAAGTCACTG	TCCTCAACCC AGGAGTTGGG	CGACCATCCA GCTGGTAGGT	GAGGTAGAGG CTCCATCTCC
5101	TCGAGGTCAA AGCTCCAGTI	A AATACTTCTA F TTATGAAGAT	GACCCTCTCA CTGGGAGAGT	AGGACCAGCT TCCTGGTCGA	AATAGCGGGC TTATCGCCCC
5151	GGGGACGACA CCCCTGCTGT	GCGCCCTGCT CGCGGGACGA	TCTGGTCAAA AGACCAGTTT	GCAACAGAGG CGTTGTCTCC	ATCTAGTACI TAGATCATGA
	CAGAATCAAA GTCTTAGTTI	ATCAAGATAA TAGTTCTATT	TTTAAATCAA AAATTTAGTT	GGAGGATATA CCTCCTATAT	ATCTTCGACC TAGAAGCTGG
	CCGTACTTAC GGCATGAATG	CAACCTCAAA GTTGGAGTTT	GGTACGGAGG CCATGCCTCC	AGGACGTGGA TCCTGCACCT	CGAAGATGGA GCTTCTACCT
5301	ACGATAATAC TGCTATTATG	TAACAATCAA ATTGTTAGTT	GAGTCCAGAC CTCAGGTCTG	CATCAGATCA GTAGTCTAGT	AGGTTCTCAA ICCAAGAGTT
5351	ACTCCTAGGC TGAGGATCCG	CAAATCAAGC GTTTAGTTCG	AGGCTCTGGG TCCGAGACCC	GTGCGTGGCA A	ATCAGTCACA FAGTCAGTGT
5401	AACTCCCAGA TTGAGGGTCT	CCAGCTGCTG GGTCGACGAC	GTCGCGGAGG CAGCGCCTCC	AAGAGGTAAC (CACAACCGAA FGTTGGCTT
5451	TGGTTGCTAG	ATCCGGTGCT TAGGCCACGA	CCACTGAGTG	CGCGACAGTT 1	TGGCACTGT
5501	CAGAGTGČCA GTCTCACGGT	CGTCCTCCAC GCAGGAGGTG	AGATGAATCC T	TCTTCAGCTG 1 AGAAGTCGAC A	TACAGCCGC
	TTCCGGCGGA AAGGCCGCCT	GATCAAAGGG CTAGTTTCCC	ACTAAATTGT 1	PAGCCCACTG G	CTAAGTCCC
	GCAACAATAA CGTTGTTATT	CTTGTATTCC GAACATAAGG	TGAAAGTTTT 1 ACTTTCAAAA <i>I</i>	TTAGAAGATG A	ACAACCTAT
5651	TAAAAAGACT	TTAATAAAAA AATTATTTTT	CAATTCATGG A		

570	TAATACATTG GAAATTTCAA TTTCCTTCTT TTCACCTTCG TCTTCACT
575	1 GCTTCTCCTT ATGAGTATAT TTTGCTGTCG CCAACAGATG TTCCTTGGT CGAAGAGGAA TACTCATATA AAACGACAGC GGTTGTCTAC AAGGAACC
5801	AACACAGCAA CCACTTCAGT TAACAATTTT AGTTCCTCTT CAAGAATAT TTGTGTCGTT GGTGAAGTCA ATTGTTAAAA TCAAGGAGAA GTTCTTATA
5851	AAGAGAAAAT CTTAAGTAAG ACTGCTCTTC CAGAAGATCA AAAACAACA TTCTCTTTTA GAATTCATTC TGACGAGAAG GTCTTCTAGT TTTTGTTGT
5901	TTAAAAACCT TGTTTGTCAA GTATGACAAT CTATGGCAAC ATTGGGAAA AATTTTTGGA ACAAACAGTT CATACTGTTA GATACCGTTG TAACCCTTT
5951	
6001	ATCCTCCTCG CCCTCAAAAA CAATATCCTA TTAATCCTAA GGCAAAGCC TAGGAGGAGC GGGAGTTTTT GTTATAGGAT AATTAGGATT CCGTTTCGG
6051	AGTATACAAA TTGTAATAGA TGACTTATTG AAACAAGGGG TGTTAACGCC TCATATGTTT AACATTATCT ACTGAATAAC TTTGTTCCCC ACAATTGCGC
6101	TCAAAATAGT ACAATGAATA CACCAGTGTA TCCTGTTCCT AAACCAGATGAGTTTTTATCA TGTTACTTAT GTGGTCACAT AGGACAAGGA TTTGGTCTAC
6151	GAAGGTGGAG ÄATGGTATTA GATTATAGAG AAGTAAATAA AACTATTCCA CTTCCACCTC TTACCATAAT CTAATATCTC TTCATTTATT TTGATAAGGT
6201	TTAACAGCTG CCCAAAACCA ACACTCTGCT GGTATTTTAG CTACTATTGT AATTGTCGAC GGGTTTTGGT TGTGAGACGA CCATAAAATC GATGATAACA
6251	TAGACAAAA TATAAAACTA CCTTAGATTT AGCTAATGGA TTTTGGGCTC ATCTGTTTTT ATATTTTGAT GGAATCTAAA TCGATTACCT AAAACCCGAG
	ATCCTATTAC ACCAGAATCT TATTGGTTAA CAGCATTTAC CTGGCAAGGT TAGGATAATG TGGTCTTAGA ATAACCAATT GTCGTAAATG GACCGTTCCA
6351	ARACAGTATT GTTGGACAUG TCTTCCTCAA GGATTTTTAA ATAGTCCAGC TTTGTCATAA CAACCTGTGC AGAAGGAGTT CCTAAAAATT TATCAGGTCG
5401	ATTGTTTACA GCTGATGTAG TAGATTTACT AAAAGAAATC CCTAATGTAC TAACAAATGT CGACTACATC ATCTAAATGA TTTTCTTTAG GGATTACATG
451	AAGTGTATGT TGATGATATA TATTTAAGCC ATGATGATCC TAAAGAGCAT TTCACATACA ACTACTATAT ATAAATTCGG TACTACTAGG ATTTCTCGTA
	GTTCAACAAT TAGAAAAAGT GTTTCAAATT TTACTACAGG CAGGATATGT CAAGTTGTTA ATCTTTTTCA CAAAGTTTAA AATGATGTCC GTCCTATACA
551	AGTATCTTTG AAAAAATCAG AAATTGGTCA AAAAACTGTA GAATTTTTAG TCATAGAAAC TTTTTTAGTC TTTAACCAGT TTTTTGACAT CTTAAAAATC
601	GATTTAATAT TACTAAAGAA GGTCGTGGCC TAACAGACAC TTTTAAAACA CTAAATTATA ATGATTTCTT CCAGCACCGG ATTGTCTGTG AAAATTTTGT
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6651	TTTGACAATT	TATAATGAGG	TCCAAAAGAC AGGTTTTCTG	AATTTCGTTA	ATGTTTCGTA
6701	TAATCCTAAC	AATTTAAAAC	CTAGAAATTT GATCTTTAAA	ATATGGATTA	AAACGACTTG
6751		TAATATGTTA	AATTATCGGA	GTCGTTTTCC	GTTTATATAA
6801		TTCTTTTATG	TAAACAATTA ATTTGTTAAT	TTATACCATT	ATCTTCGTAA
	AAACACTGCC TTTGTGACGG	AGATTAAATC	TTCTTTCCAA	TGGTCTTGTC	TCTGACCATT
5901		ATGAAGAGGT	TCAGCAGGAT AGTCGTCCTA	TACATTCTAT	AATATTACTC
6951	TGACCATTTT	TCGGATAATA-	GTACCTAAAT CATGGATTTA	ATACACAAAA	GGTTTCGTCT
7001	TTTAAAATTT	TCTATGTTAG	AAAAACTATT TTTTTGATAA	AACTACAATG	CACAAAGCCT GTGTTTCGGA
	TAATTAAGGC ATTAATTCCG	ATACCTAAAC	GCCATGGGAC CGGTACCCTG	TTCTTTATAA	TCAAATATCA
	CCCATTGTAT	CTATGACTAA GATACTGATT	AATACAAAAA TTATGTTTTT	ACTCCACTAC TGAGGTGATG	CAGAAAGAAA GTCTTTCTTT
7151	AGCTTTACCC	AT'(AGATGGA TAATCTACCT	TAACATGGAT ATTGTACCTA	GACTTATTTA CTGAATAAAT	GAAGATCCAA CTTCTAGGTT
7201	GAATCCAATT	TCATTATGAT AGTAATACTA	AAAACCTTAC TTTTEGAATG	CAGAACTTAA GTCTTGAATT	GCATATTCCA CGTATAAGGT
7251	GATGTATATA CTACATATAT	GTAGATCAGT		TTTGTAGGAA	GAGTTATACT
	AGGAGTGTTT TOCTCACAAA	ATATGACTAC	CGAGCCGGTA	GTTTTCAGGA	CTAGGATGTT
7351	AAAGCAATAA '	ACGACCCTAC		TACGGTGTAT	GTTTGGACTT
7401	TATCAAGTTT (ACTTAGTTAC	GTCAATACCA (CAGTTATGGT (GATCCATTAG 1	TATGACGAGT
	GATGGCTGAA A	PATCGACGTC A	AACTTAAACG (GACATTTTTT (CGAAATTTTT
7501	TACCTGGTCC :	rgtattagtt /	ATAACTGATA (FATTGACTAT (STTTCTATGT A	AGCAGAAAGT FCGTCTTTCA
7551	GCTAATAAAG A	AATTACCATA (CTGGAAATCT A	AATGGGTTTG 1	AATAATAAT TTATTATTA

	GAAAAAGCCT CTTAAACATA TCTCCAAATG GAAATCTATT GCTGAGTGT CTTTTTCGGA GAATTTGTAT AGAGGTTTAC CTTTAGATAA CGACTCACA.
765	ATAGATACTT TGGTCTGTAA TGATAAGTTG TACTTTTTCC GTAGTCCCA
770	GTTTATGGTC ATAAGTATGA CTTTCCGTTA CGGGATCGTC TATTCCAACC
775	GTGGGTTCCT TCAATACACC AATTAACATT ATGGTTTTTT GGTTTGGACG
780	TACGTCTCAA CCTAGTTAAT AATGTCCCAG TAATATATTT TCCTATAGGG
785	AAACAATATA CATATTTTTT AGAAGATGGC AAAGTAAAAG TTTCCAGACC TTTGTTATAT GTATAAAAAA TCTTCTACCG TTTCATTTTC AAAGGTCTGG
7961	TGAAGGGGTT AAAATTATTC CCCCTCAGTC AGACAGACAA AAAATTGTGC ACTTCCCCAA TTTTAATAAG GGGGAGTCAG TCTGTCTGTT TTTTAACACG
7951	TTCAAGCCCA CAATTTGGCT CACACCGGAC GTGAAGCCAC TCTTTTAAAA AAGTTCGGGT GTTAAACCGA GTGTGGCCTG CACTTCGGTG AGAAAATTTT
	ATTGCCAACC TITATTGGTG GCCAAATATG AGAAAGGATG TGGTTAAACA TAACGGTTGG AAATAACCAC CGGTTTATAC TCTTTCCTAC ACCAATTTGT
8051	ACTAGGACGC TGTCAACAGT GTTTAATCAC AAATGCTTCC AACAAAGGT
8101	TO THE TOTAL TOTAL TOTAL CALL CALL COLL COLL CALLACT C
8151	
8201	AAATAACTGA TATAACCTGG AAACGGTGGA AGTGTCCCTA TGGATATACA ATTAGTAGTT GTTGATGGAA TGACAGGATT CACTTGGTTA TACCCCACTA
	TAATCATCAA CAACTACCTT ACTGTCCTAA GTGAACCAAT ATGGGGTGAT
	AGGCTCCTTC TACTAGCGCA ACTGTTAAAT CTCTCAATGT ACTCACTAGT TCCGAGGAAG ATGATCGCGT TGACAATTTA GAGAGTTACA TGAGTGATCA
	ATTGCAATTC CAAAGGTGAT TCACTCTGAT CAAGGTGCAG CATTCACTTC TAACGTTAAG GTTTCCACTA AGTGAGACTA GTTCCACGTC GTAAGTGAAG
8351	TTCAACCTTT GCTGAATGGG CAAAGGAAAG AGGTATACAT TTGGAATTCA AAGTTGGAAA CGACTTACCC GTTTCCTTTC TCCATATGTA AACCTTAAGT
	GTACTCCTTA TCACCCCCAA AGTGGTAGTA AGGTGGAAAG GAAAAATAGT CATGAGGAAT AGTGGGGGTT TCACCATCAT TCCACCTTTC CTTTTTATCA
8451	
501	GTATGACCTA TTGCCTGTTG TACAACTTGC TTTAAACAAC ACCTATAGCC CATACTGGAT AACGGACAAC ATGTTGAACG AAATTTGTTG TGGATATCGG

8551	CTGTATTA	AA ATATACTC	CATCAACT	רד דבדדים	T AGATTCAAAT
	GACATAATI	TT TATATEAC	T CTACTTON	CI AMILIGGIA	A TCTAAGTTTA
				GA AIAAACCAI	
8601	. ACTCCATT	G CAAATCAAG	SA TACACTTG	AC TTGACCAGA	G AAGAAGAACT
	TGAGGTAAA	C GTTTAGTTC	T ATGTGAACT	TG AACTGGTCT	C TTCTTCTTGA
	·				
0.000					
8651	TTCTCTTTT	A CAGGAAATI	C GTACTTCT	IT ATACCATCC	A TCCACCCCTC
	AAGAGAAAA	T GTCCTTTAR	G CATGAAGA?	AA TATGGTAGG	T AGGTGGGGAG
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8701					
0,01	CMCCCICCI	C ICGIICCIG	G TCTCCTGT1	TG TTGGCCAAT	T GGTCCAGGAG
	GTCGGAGGA	G AGCAAGGAC	C AGAGGACAA	AC AACCGGTTA.	A CCAGGTCCTC
9751					A AACCGTCTAC
5.51	TCCCACCCA	m cocciocii	C IIIGAGACC	T CGTTGGCAT	A AACCGTCTAC
	1 CCCACCGA	I CCGGACGAA	G AAACTCTGG	A GCAACCGTA	TTGGCAGATG.
8801	TGTACTTAA	G GTGTTGAAT	C CAAGGACTG	ים יים איני איני איני איני איני איני אינ	GACCATCTTG
	A CATGAATT	C CACAACTTA	C CEMCCECE	I IGIIAIIII	CTGGTAGAAC
	CAIOAAII	c cacaaciia	G GIICCIGAC	A ACAATAAAA	CTGGTAGAAC
				· · · · · · · · · · · · · · · · · · ·	
8851	GCAACAACA	G AACTGTAAG	T ATAGATAAT	T TAAAACCTAG	TTCTCATCAC
	CGTTGTTGT	C TTGACATTC	Α ΤΑΤΟΤΑΤΤΑ	A ATTTTGGATO	· ARCACMACMC
			·······································	A RITITIOGATO	MAGAGIAGIC
8901	AATGGCACC	A CCAATGACA	C TGCAACAAT	G GATCATTTG	AAAAAAATGA
	TTACCGTGG:	F GGTTACTGT	ACGTTGTTA	C CTAGTAAACC	. ሲሲሲሲሲሲኒ ርሊ
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8951	ATAAAGCGC	A TGAGGCACT	CAAAATACA	A CAACTGTGAC	TGAACAGCAG
	TATTTCGCGT	" ACTCCGTGA	A GTTTTATGT	T GTTGACACTG	ACTTGTCGTC
9001	AAGGAACAA	A TTATACTGG	A CATTCAAAAT	r gaagaagtac	AACCAACTAG
	TTCCTTGTTI	AATATGACCI	GTAAGTTTT	A CTTCTTCATG	TTGGTTGATC
9051					
JUJ1	CACAGAIAAA	LILLAGALAIC	TGCTTTATAC	TTGTTGTGCT	ACTAGCTCAA
	CTCTCTATTT	AAATCTATAG	ACGAAATATO	AACAACACGA	TGATCGAGTT
9101	GAGTATTGGC	СТССАТСТТТ	ጥጥ ከ ርጥጥጥር ጥ አ	TATTGTTAAT	C1 ========
	CTCATABCCC	CACCTACAAA	AAMCARAGAM	ATAACAATTA	CATTGTTTTG
	CIUNIANCCO	'ACCIACAAA	AAICAAACAI	ATAACAATTA	GTAACAAAAC
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9151	GTTTCATGCT	TTGTGACTAT	ATCCAGAATA	CAATGGAATA	ACCATATTCA
	CAAAGTACGA	AACACTGATA	TAGGTCTTAT	GTTACCTTAT	TCCTATALCA
	••••			·····	ICCIAIMAGI
9201	GGTATIAGGA	CCTGTAATAG	ACTGGAATGT	TACTCAAAGA	GCTGTTTATC
	CCATAATCCT	GGACATTATC	TGACCTTACA	ATGAGTTTCT	CGACAAATAC
		. 			
9251	AACCCTTACA	GACTAGAAGG	ATTGCACGTT	CCCTTAGAAT	GCAGCATCCT
	TTGGGAATGT	CTGATCTTCC	TAACGTGCAA	GGGAATCTTA	CGTCGTAGGA
	·				
9301					
9301	GIICCAAAAC	AIGIGGAGGT	AAATATGACT	AGTATTCCAC	AAGGTGTATA
	CAAGGTTTTA	TACACCTCCA	TTTATACTGA	TCATAAGGTG	TTCCACATAT
9351	CTATENACEC	CATCCCCAAC	CCATAGES-	a	
	CIMIGANCCC	CAICCGGAAC	CCATAGTGGT	GAAGGAGAGG	GTCCTAGGTC
	GATACTTGGG	GTAGGCCTTG	GGTATCACCA	CTTCCTCTCC	CAGGATCCAG
				• • • • • • • • • • • • • • • • • • • •	
				ACATTGCTAA	
	AAAGAGTTTA	ACACTACTA	MAN ACRORES	MCMILIGUTAA	TAATGCTAAT
		AGACTACTAA	TRAGTCTTT	TGTAACGATT	ATTACGATTA
451	TTGACACAAG	AAGTAAAGAA	GTTGTTAACT	GAAATGGTTA	ATGAAGAAAT
	AACTGTGTTC	TTCATTTCTT	CAACAATTGA	CTTTACCAAT	T) CTTCTTT
- - -					ACTICITIA

9501	CGTTTCAA	AC AGTCTACA	TT ACTAACTG	TT TGAAATTCCT AA ACTTTAAGGA	. AATCCTCTGG
			· • • • • • • • • • • • • • • • • • • •		
9551	GAGCACTAC	T TCTTGTTA	TA TATGTATC	AA AATGCTATCA FT TTACGATAGT	TCTTAAACGT
9601	AATTGTTAT	TAGTAAAA	TAAAGAAC	CC AAACCGTGGC GG TTTGGCACCG	CTAAGGAGGG
9651	GGAATATCG	A CTAGTTACO	G GTAATGGT	GG TTACCATGCT CC AATGGTACGA	CCTAATTGGA
			• • • • • • • • • • • •		
9701				TA TTAAAGTGGA	
	-				
9751	GGACGTTTA	A CCTGTTGTT	T CTCATTTAT	T GGACAAGCTA A CCTGTTCGAT	CTGATCCTTC
9801	TTTTTATAT	T CCTAGCAGC	C TGAGACAAA	T CAATGTTAGT A GTTACAATCA	CATGTACTAT
9851	TCTGTAGTG.	A TCAATTATA T AGTTAATAT	T TCTAAATGG A AGATTTACC	T ATAATATAGA A TATTATATCT	AAATACCATA TTTATGGTAT
	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • •	· •	• • • • • • • • • • • • • • • • • • • •
9901	CTTGTTTTG	C TCGCCAAAG.	A CGAATTATT	A CTAAATAACC T GATTTATTGG	AATGTAGACC
		• • • • • • • • • • •			.
9951	TTGGAGTCA	C AACTTCTTT	r crcgagaag	C GAAGGATTGG G CTTCCTAACC	TCAAGAGTTC
10001	GTAAAAATG	TCTGTTTAG	GAAATCAAT	G TGTTAGATAT C ACAATCTATA	CTGCAGTAAA
10051	GGACTTAGAC	ATTATGATA	CTTATGAAG	A TACTATTCCT F ATGATAAGGA	AGAGAAATAC
	GGAAGGAGAT	TGTAATTTT	CTAAAGATAT	GATTTCTCAG	TTGGTTCCAG
			- <i>-</i>		
10151	TTACACTACC	TAAAATATTG	TTAAGATTCA	GGATGCATAT	CGTAGGTATA
10261	GCTTGTAGAT	TCTGGAGAAG	TAAGAAGAAT	GAAAAAGAAG CTTTTTCTTC	AAACTAAATG
					• • • • • • • • • •
10251	ATCTCTACCC	CTTTGATTCT		TTATCCTTTA 1	
	CCGAATCTAC GGCTTAGATG	ATATGATTTT TATACTAAAA	GGTTATTTAG CCAATAAATC	CATACCAAAA (GTATGGTTTT (TTAAAAGGA
10351	TCCCCTATCT AGGGGATAGA	GTATAGAACA CATATCTTGT	ACAGAAAATT TGTCTTTTAA	AGAGATCAAG A TCTCTAGTTC 1	TTATGAAGT
10401	CTATTCTTTG GATAAGAAAC	TATCAAGAAC ATAGTTCTTG	GCAAAATAGC CGTTTTATCG	TTCTAAAGCA T	ATGGAATTG
					• • • • • • • • • • • • • • • • • • • •

10451	ATACAGTTT	T ATTCTCTCT	A AAGAATTT	C TTAATTAT	C AGGAACTCCT
	TATGTCAAA	A TAAGAGAGA	T TTCTTAAA	AG AATTAATAI	G TCCTTGAGGA
			<i></i>		
10501	GTAAATGAA.	A TGCCTAATG	C AAGAGCTT	TT GTAGGCCTA	A TAGATCCCA
	CATTTACTT	r acggattac	G TTCTCGAA	A CATCCGGAT	T ATCTAGGGTT
		· • • • • • • • • • • • • • • • • • • •			
10551	GTTTCCTCC	TCCTATCCC.	A ATGTTACTA	G GGAACATTA	T ACTTCCTGTA
	CAAAGGAGG	A AGGATAGGG	T TACAATGAT	C CCTTGTAAT	A TGAAGGACAT
10601	ATAATAGGA	AAGAAGAAG	Т СТТСАТААТ	'A ACTATGCTA	A GTTAAGGTCT
					T CAATTCCAGA
10651	ATGGGGTATG	CACTTACAGO	BAGCAGTGCA	A ACCTTATCT	C AAATATCAGA
1005					G TTTATAGTCT
					·······
					A AGGGATCATG
10,01					A AGGGATCATG T TCCCTAGTAC
					1 ICCCIAGIAC
10751					TATGGAAGGA
				C TATATAGAC.	A ATACCTTCCT
10801	ATGTTTGCTG	TACAACATTT	' GCATACACA	T TTGAATCAT	r tgaagacaat
					A ACTTCTGTTA
10851	GCTTCTAGAA	AGAAGAATAG	ACTGGACCT	A TATGTCTAG	ACTTGGCTAC
					TGAACCGATG
10901	AACAACAATT	ACAGAAATCT	GATGATGAG:	TGAAAGTAAT	AAAGAGAATT
	TTGTTGTTAA	TGTCTTTAGA	CTACTACTC	ACTTTCATTA	TTTCTCTTAA
10951	GCTAGAAGTT	TGGTATATTA	TGTTAAACA	ACCCATAGTI	CTCCCACAGO
	CGATCTTCAA	ACCATATAAT	ACAATTTGTT	TGGGTATCA	GAGGGTGTCG
		. .		- 	
11001	TACAGCCTGG	GAGATTGGAT	TATATTATGA	. ATTGGTTATA	CCTAAACATA
					GGATTTGTAT
11051	TTTACTTGAA	TAATTGGAAT	GTTGTCAATA	TAGGTCAGTT	A COURT A A A A CA
				ATCCAGTGAA	
11101					
11101				CATCCTTATG GTAGGAATAC	
	······				
11121	TAAGGAATGT				
				AGAACTCCTG	
11201	AAGATTATGT				
				ATCACGTCGG	AACACCGTTA
					• • • • • • • • • • • • • • • • • • • •
11251	AGCTCAGACA	CGAGTGATTG	TCCTGTCTGG	GCTGAAGCTG	TAAAAGAACC
	TCGAGTCTGT				
11301	ATTTGTGCAA	GTCAATCCTC	TGAAAAACGG	AAGTTATCTG	GTTTTGGCAA
	TAAACACGTT	CAGTTAGGAG	ACTTTTTGCC	TTCAATAGAC	CAAAACCGTT
11351	GTTCCACAGA	CTGTCAGATC	CCACCATATG	TTCCTAGCAT	CGTGACTGTT
	CAAGGTGTCT				

11401	•	CTGGAC TTTAAAAGGC CACTGGTTG GACCTG AAATTTTCCG GTGACCAAC
11451	GGAAGAAAGA TTGAGCTTTG AGCC	ACGACT GCCAAATCTA CAACTAAGA TGCTGA CGGTTTAGAT GTTGATTCT
11501	. TACCACATTT GGTTGGAATT ATTG	CAAAAA TCAAAGGGAT AAAAATAGAA
11551	GTCACATCCT CTGGAGAAAG TATA	AAAGAG CAGATTGAAA GAGCAAAAGG TTTCTC GTCTAACTTT CTCGTTTTCC
11601	TGAGCTCCTT CGACTGGACA TTCA	CGAGGG AGATACTCCT GCCTGCATAC
11651	AACAGCTAGC TGCAGCAACA AAGG	ACGTCT GGCCAGCAGC AGCTTCTGC1 IGCAGA CCGGTCGTCG TCGAAGACGA
11701	CTACAAGGAA TTGGTAACTT TTTA GATGTTCCTT AACCATTGAA AAAT	CTGGG ACTGCCCAAG GAATATTTGG
11751	AACTGCCTTT AGTCTCTTGG GATA TTGACGGAAA TCAGAGAACC CTAT	
11301	GGGTCATTCT CTTGGTTATT CTTAT	TATTTA AGATTGTATC ATGGATTCCT
11851	ACGAAAAAGA AGAATCAGTA GCCTC	CACCT CTGGAATTCA AGACCTGCAG GTGGA GACCTTAAGT TCTGGACGTC
11901	TGAGACTCAC TCGAACAACC AGGAC	AAAAT GCCGGAGAGG GAGAGCTGAC TTTTA CGGCCTCTCC CTCTCGACTG
11951	TATTGCTGAG GAACCTGAAG AAAAT ATAACGACTC CTTGGACTTC TTTTA	CCTCG ACGCCCCAGA CGATATACTA GGAGC TGCGGGGTCT GCTATATGAT
12001	AAAGAGAAGT CAAATGTGTG TCTTA TTTCTCTTCA GTTTACACAC AGAAT	TCATG CATATAAAGA AATTGAGGAC AGTAC GTATATTTCT TTAACTCCTG
12051	AAACATCCTC AACATATTAA ACTGC TTTGTAGGAG TTGTATAATT TGACG	AGGAT TGGATCCCCA CACCAGAGGA
12101	AATGAGTAAG TCACTCTGTA AAAGA TTACTCATTC AGTGAGACAT TTTCT	GAATA AAATACACCT AACATATCAC
12151	CAGAAAAGGC CTCAGAGATT TTAAGGGTCTTTTCCG GAGTCTCTAA AATTC	SATGC CTTTTACAGT TTCTTGGGAA
	CAATCAGATA CTGACCCTGA CTGTT GTTAGTCTAT GACTGGGACT GACAA	TTATT GTAAGCTATA CATGTATATT
12251	TTGTGATGCT GTAATACATG ATCCCA	TGCC CATAAGATGG GATCCTGAAG
12301	TTGGAATTTG GGTAAAATAT AAACCC AACCTTAAAC CCATTTTATA TTTGG	CTCA GAGGAATTGT TGGATCTGCT
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12351			TCAAAGAAAC					
	CACAAATAAT	ACGTATTTG1	AGTTTCTTTG	ACAAGAGAAC	AATTTGGAAG			
12401	TACCAGTCGC	TCAGAAGGT	CAAAACCAAG	ACCTAGGCAC	GATCCTGTCC			
	ATGGTCAGCG	AGTCTTCCAG	GTTTTGGTTC	TGGATCCGTG	CTAGGACAGG			
12451	TTCCNTCTCN	Сатстттса	AAGCATCACA	AGCCTCGGCA	GANACGACCC			
12451			TTCGTAGTGT					
	AAGCTACACI	GIACAAACII	LICGIAGIGI	ICOGMOCCOI	CITIOCIOG			
12501	AGGAGACGAT	CCATCGATAA	TGAGTCATGT	GCTTCCAGTA	GTGACACCAT			
	TCCTCTGCTA	GGTAGCTATT	ACTCAGTACA	CGAAGGTCAT	CACTGTGGTA			
1055			TATGCACCAA	CCCTCTTTCC	AATCCTGGAC			
12551			ATACGTGGTT					
-		GGICCIAGIG		GGGAGAAACC	ITAGGACCIG			
12601	CGCTACTATO	AGGGCTACTT	GAAGAGTCCA	GCAACCTACC	AAACTTGGAA			
	GCGATGATAG	TCCCGATGAA	CTTCTCAGGT	CGTTGGATGG	TTTGAACCTT			
17651	CTTCACATCT	САССТССАСС	CTTCTGGGAA	GAGGTTTATC	GGGACTCAAT			
12651			GAAGACCCTT					
				CICCAAAIAC	CCCIGAGIIA			
12701	TTTGGGTCCC	CCCTCTGGGT	CAGGTGAACA	TTCAGTTTTA	TAAGAATTAT			
	AAACCCAGGG	GGGAGACCCA	GTCCACTTGT	AAGTCAAAAT	ATTCTTAATA			
			CCCDIZENCAE	COMPONENTALOC	mm-c-c-c-n-c-n			
12751			GGCTGTAGAT					
	GTCTAAGATT	GAACGACAGT	CCGACATCTA	GAAGAATTCG	AACGCCCTCT			
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		Apa	I					
12801	CGTCGAGTCC	AACCCTGGGC	CCGATATCCC	CATGGTGAGC	AAGGGCGAGG			
			GGCTATAGGG					
				maa	000000000000			
12851			CCCATCCTGG					
	TCGACAAGTG	GCCCCACCAC	GGGTAGGACC	AGCTCGACCT	GUUGUTGUAT			
		· · · · · · · · · · · · · · · · · · ·						
17901	AACGGCCACA	AGTTCAGCGT	G1ºCCGGCGAG	GGCGAGGGCG	ATGCCACCTA			
	TTGCCGGTGT	TCAAGTCGCA	CAGGCCGCTC	CCGCTCCCGC	TACGGTGGAT ,			
	00000000	1000000 100	TCATCTGCAC	CACCGGCAAG	CTGCCCGTGC			
12951			AGTAGACGTG					
	GCCGIICGAC	IGGGACIICA	Adindactio	0100000110	OACOGOCACO			
13001			ACCTTCACCT					
	GGACCGGGTG	GGAGCACTGG	TGGAAGTGGA	TGCCGCACGT	CACGAAGTCG			
	00400000	1 CC1 C1 TC1 1	GCAGCACGAC	TTCTTCAACT	CCGCCATGCC			
13051			COTCGTGCTG					
	GCGATGGGGC			ANGANGTICA	GGCGGTAC-3G			
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13101	CGAAGGCTAC	GTCCAGGAGC	GCACCATCTT	CTTCAAGGAC	GACGGCAACT			
	GCTTCCGATG	CAGGTCCTCG	CGTGGTAGAA	GAAGTTCCTG	CTGCCGTTGA			
								
13151	ACAAGACCCG	CGCCGAGGTG	AAGTTCGAGG	CCCTCTCCCCC	CCACTTCCCC			
			TTCAAGCTCC					
13201	ATCGAGCTGA	AGGGCATCGA	CTTCAAGGAG	GACGGCAACA	TCCTGGGGCA			
	TAGCTCGACT	TCCCGTAGCT	GAAGTTCCTC	CTGCCGTTGT	AGGACCCCGT			
			 -					
13251	CAAGCTGGAG	TACAACTACA	ACAGCCACAA	CCACATATC	AIGGCCGACA			
			TGTCGGTGTT					
				• • •				

13301	AGCAGAAGAA	CGGCATCAA	GTGAACTTC	A AGATCCGCCA	CAACATCGAG
				T TCTAGGCGGT	
13351				C CAGCAGAACA G GTCGTCTTGT	
13401	GCTGCCGGGG	CACGACGACG	GGCTGTTGG	A CTACCTGAGC T GATGGACTCG	
13451				G ATCACATGGT C TAGTGTACCA	
	######################################	CCCCCCCC	C N C T C T C C C	- x#ccxccxcc	ECEN C1 1 CEN
13501				C ATGGACGAGC G TACCTGCTCG	
			••••		
	NotI				•
13551		GACTCTAGGG	CATTCCC.: NO	C AAGTAAGTAA	CCTTATCCAC
13331				TTCATTCATT	
		CIONGRICCO			COMMINCEIG
13601				GGTGGAATGT CCACCTTACA	
		•••••••••			
13651				GAAGGAGGTG	
				CTTCCTCCAC	
				- <i></i>	
13701	TTACCCAAAT	ACTCCTGCTC	CTCATAGACG	TACCTGGGAT	GAGAGACACA
				ATGGACCCTA	
13751				CCTCTGACAT	
		= :		GGAGACTGTA	GGTTGCGACC
	·				
13801	GCTACTAAAG	CATTGCCTTA	TGGCTGGAAA	GTGGTCACCG	AAAGCGGAAA
	CGATGATTTC	GTAACGGAAT	ACCGACCTTT	CACCAGTGGC	TTTCGCCTTT
				.=======	
13821				ATTGACAGAG	
	•			TAACTGTCTC	
13901	ATGAAATTAG	AAAAAGGTGG	GAAAGTGGAT	ATTGTGACCC	CTTCATTGAC
	TACTTTAATC	TTTTTCCACC	CTTTCACCTA	TAACACTGGG	GAAGTAACTG
12061	TC N C C N N C TC	» CTC» C NTCC	* C'CCTTCT * *	AAGCCACAGA	~~~~~
13951					
	AGICCIICAC	IGAGICIACC	IGGGANGATI	TTCGGTGTCT	JICALILLIA
14001				CTTAAGCTAT :	
	CACAATCGTG	AAATATGTTA	TAATATAGAC	GAATTCGATA '	rcttcgaaag _.
			<i></i>		
14051	ACATACTCAG	TAGCTGTTTC	ACAATCAACA	AAACAATGAT	GATGTAATCA
14031				TTTGTTACTA (
				IIIGIIACIA (
14101	TAAGGAAGTA	GTTTAAATAG	GTTAATAAGT	TTATTAGTTA	TATAGAAAAT
				AATAATCAAT A	
	. 				
	>> T > T > T > T > T	*****	CATTAACCTA	TO A COMPANIE O	CCTCALCAC
14151				TGAGGTGTGT C	
14201				GACACAACAC	
				CTGTGTTGTG C	
				14	

SEQ ID NO: 2

a tgggtgcgag agcgtcggta ttaagcgggg gagaattaga taaatgggaa 841 aaaattcggt taaggccagg gggaaagaaa caatataaac taaaacatat agtatgggca 901 agcagggagc tagaacgatt cgcagttaat cctggccttt tagagacatc agaaggctgt 961 agacaaatac tgggacagct acaaccatcc cttcagacag gatcagaaga acttagatca 1021 ttatataata caatagcagt cctctattgt gtgcatcaaa ggatagatgt aaaagacacc 1141 gcagcagctg acacaggaaa caacagccag gtcagccaaa attaccctat agtgcagaac 1201 ctccaggggc aaatggtaca tcaggccata tcacctagaa ctttaaatgc atgggtaaaa 1261 gtagtagaag agaaggettt cageecagaa gtaataceca tgtttteage attatcagaa 1321 ggagccaccc cacaagattt aaataccatg ctaaacacag tggggggaca traagrager 1381 atgcaaatgt taaaagagac catcaatgag gaagctgcag aatgggatag attocatcca 1441 gtgcatgcag ggcctattgc accaggccag atgagagaac caaggggaag tgacatagca 1501 ggaactacta gtaccettca ggaacaaata ggatggatga cacataatce acctatccca 1561 gtaggagaaa totataaaag atggataato otgggattaa ataaaatagt aagaatgtat 1621 agecetacca geattetgga cataagacaa ggaccaaagg aaccetttag agactatgta 1681 gaccgattct ataaaactct aagagccgag caagcttcac aagaggtaaa aaattggatg 1741 acagaaacct tgttggtcca aaatgcgaac ccagattyta agactatttt aaaagcattg 1801 ggaccaggag cgacactaga agaaatgatg acagcatgtc agggagtggg gggacccggc 1861 cataaagcaa gagttttggc tgaagcaatg agccaagtaa caaatccagc taccataato 1921 atacagaaag gcaattttag gaaccaaaga aagactgtta agtgtttcaa ttgtggcaaa 1981 gaagggcaca tagccaaaaa ttgcagggcc cctaggaaaa agggctgttg gaaatgtgga 2041 aaggaaggac accaaatgaa agattgtact gagagacagg ctaattttt agggaagatc 2101 tggccttccc acaagggaag gccagggaat tttcttcaga gcagaccaga gccaacagcc 2161 ccaccagaag agagetteag gtttggggaa gagacaacaa eteettea gaagcaggag 2221 ccgatagaca aggaactgta tcctttagct tccctcagat cactctttgg cagcgacccc 2281 tcgtcacaat aa

SEQ ID NO: 3

MGARASVLSGGELDKWEKIRLRPGGKKQYKLKHIVWASRELERFAVNPGLLE TSEGCRQILGQLQPSLQTGSEELRSLYNTIAVLYCVHQRIDVKDTKEALDKIEEE

QNKSKKKAQQAAADTGNNSQVSQNYPIVQNLQGQMVHQAISPRTLNAWVKV VEEKAFSPEVIPMFSALSEGATPQDLNTMLNTVGGHQAAMQMLKETINEEAAE WDRLHPVHAGPIAPGQMREPRGSDIAGTTSTLQEQIGWMTHNPPIPVGEIYKR WILGLNKIVRMYSPTSILDIRQGPKEPFRDYVDRFYKTLRAEQASQEVKNWMT ETLLVQNANPDCKTILKALGPGATLEEMMTACQGVGGPGHKARVLAEAMSQ VTNPATIMIQKGNFRNQRKTVKCFNCGKEGHIAKNCRAPRKKGCWKCGKEGH QMKDCTERQANFLGKIWPSHKGRPGNFLQSRPEPTAPPEESFRFGEETTTPSQK QEPIDKELYPLASLRSLFGSDPSSQ

SEQ ID NO: 4

MGARASVLSGGELDRWEKIRLRPGGKKKYKLKHIVWASRELERFAVNPGLLE
TSEGCRQILGQLQPSLQTGSEELRSLYNTVATLYCVHQRIEIKDTKEAI.DKIEEE
QNKSKKKAQQAAADTGHSSQVSQNYPIVQNIQGQMVHQAISPRTLNAWVKV
VEEKAFSPEVIPMFSALSEGATPQDLNTMLNTVGGHQAAMQMLKETINEEAAE
WDRVHPVHAGPIAPGQMREPRGSDIAGTTSTLQEQIGWMTNNPPIPVGEIYKR
WILGLNKIVRMYSPTSILDIRQGPKEPFRDYVDRFYKTLRAEQASQEVKNWMT
ETLLVQNANPDCKTILKALGPAATLEEMMTACQGVGGPGHKARVLAEAMSQ
VTNSATIMMQRGNFRNQRKIVKCFNCGKEGHIARNCRAPRKKGCWKCGKEG
HQMKDCTERQANFLGKIWPSYKGRPGNFLQSRPEPTAPPFLQSRPEPTAPPEES
FRSGVETTTPSQKQEPIDKELYPLTSLRSLFGNDPSSQ

SEQ ID NO: 5

MGARASVLSGGELDRWEKVRLRPGGKKKYKLKHIVWASRELERFAVNPGLLE
TSEGCRQILGQLQPSLQTGSEELRSLYNTVATLYCVHQRIEIKDTKEALDKIFEE
QNKSKKKAQQAAADTGHSSQVSQNYPIVQNIQGQMVHQAISPRTLNAWVKV
VEEKAFSPEVIPMFSALSEGATPQDLNTMLNTVGGHQAAMQMLKETINEEAAE
WDRVHPVHAGPIAPGQMREPRGSDIAGTTSTLQEQIGWMTNNPPIPVGEIYKR
WIILGLNKIVRMYSPTSILDIRQGPKEPFRDYVDRFYKTLRAEQASQEVKNWMT
ETLLVQNANPDCKTILKALGPAATLEEMMTACQGVGGPGHKARVLAEAMSQ
VTNSATIMMQRGNFRNQRKIVKCFNCGKEGHIARNCRAPRKKGCWKCGKEG
HQMKDCTERQANFLGKIWPSYKGRPGNFLQSRPEPTAPPFLQSRPEPTAPPEES
FRSGVETTTPSQKQEPIDKELYPLTSLRSLFGNDPSSQ

SEQ ID NO: 6

TCC GGG CCC GGA ATG CCT ATA GTC CAG AAC ATC C

SEQ ID NO: 7

GCG GCC GCG TTT TGA GAA CGA AAT ACC GG

SEQ ID NO: 8

SEQ ID NO:1 with SEQ ID NO: 2 inserted between 12816 and 13552.